

Department of Environmental Quality Quarterly Report January 1, 2021

Regulatory Background

This report is submitted to meet the requirements of General Statute 130A–309.204, which requires the Department of Environmental Quality (DEQ) to submit quarterly reporting on operations, activities, programs and progress relating to coal combustion residuals surface impoundments. Specifically, General Statute (G.S.) 130A–309.204(a) states:

The Department shall submit quarterly written reports to the Environmental Review Commission on its operations, activities, programs, and progress with respect to its obligations under this Part concerning all coal combustion residuals surface impoundments. At a minimum, the report shall include information concerning the status of assessment, corrective action, prioritization, and closure for each coal combustion residuals surface impoundment and information on costs connected therewith. The report shall include an executive summary of each annual Groundwater Protection and Restoration Report submitted to the Department by the operator of any coal combustion residuals surface impoundments pursuant to G.S. 130A–309.211(d) and a summary of all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year. The report shall also include an executive summary of each annual Surface Water Protection and Restoration Report submitted to the Department by the operator of any coal combustion residuals surface impoundments pursuant to G.S. 130A–309.212(e) and a summary of all surface water sampling, protection, and restoration activities related to the impoundment for the preceding year, including the status of the identification, assessment, and correction of unpermitted discharges from coal combustion residuals surface impoundments to the surface waters of the State. The Department shall supplement the written reports required by this subsection with additional written and oral reports as may be requested by the Environmental Review Commission. The Department shall submit the written reports required by this subsection whether or not the General Assembly is in session at the time the report is due.

Report Structure

This report is broken down by the N.C. Department of Environmental Quality Divisions of Water Resources, Waste Management, and Energy, Mineral, and Land Resources. The information provided is either on-going or has occurred since the submittal of the previous quarterly report.

Acronyms

The following acronyms may be used in the sections below:

- A/M – Approval with Modifications
- BTVs – Background Threshold Values
- CAP – Corrective Action Plan
- CCR – Coal Combustion Residuals
- CCP – Coal Combustion Products
- COFA – Certificate of Final Approval

- CQA – Construction Quality Assurance
- CSA – Comprehensive Site Assessment
- DEQ – North Carolina Department of Environmental Quality
- DORS – Distribution of Residual Solids
- DWM – Division of Waste Management
- DWR – Division of Water Resources
- EMC – Environmental Management Commission
- EOR – Engineer of Record
- ESC or E&SC – Erosion and Sediment Control Plan
- FGD – Flue-gas Desulfurization
- NOD – Notice of Deficiency
- NOI – Notice of Intent
- NOV – Notice of Violation
- NPDES – National Pollution Discharge Elimination System
- PTC – Permit to Construct
- PTO – Permit to Operate
- SOC – Special Order by Consent
- UIC – Underground Injection Control

Division of Water Resources

Duke Energy facilities with Surface Impoundments. Division of Water Resources regulates Surface Impoundments in accordance with the Coal Ash Management Act (CAMA) as well as the General Statute 143–215, *Control of Sources of Water Pollution; Permits Required* and State Administrative Code 15A NCAC 2L *Classification and Water Quality Standards Applicable to Groundwaters of the State*.

General Status of Surface Impoundments:

The following are general status notes for all facilities, except where stated.

Corrective Action Status

Individual site-specific status notes included in the next section.

Prioritization and Closure Status [G.S. 130A–309.213]

Currently, all facilities are ranked as high, intermediate, or low priority.

- Facilities classified as high-risk per Session Law 2014–122 Senate Bill 729 Section 3.(b) are:
 - Asheville Steam Station
 - Dan River Combined Cycle Station
 - Riverbend Steam Station
 - L. V. Sutton Energy Complex

High-risk impoundments are required to be closed no later than December 31, 2019. Proposed plans were submitted by December 31, 2016.

- Facilities classified as intermediate-risk per Session Law 2016–95 House Bill 630 Section 3.(a) are:
 - H. F. Lee Energy Complex
 - Cape Fear Steam Electric Plant
 - W. H. Weatherspoon Power Plant

These three facilities and the Buck Combined Cycle Station have also been selected by Duke Energy for beneficiation under G.S. 130A–309.216. Per G.S. 130A–309.216(c), sites selected for ash beneficiation projects shall be closed no later than December 31, 2029.

- Facilities classified as low risk per G.S. 130A–309.213 are:
 - Allen Steam Station
 - Belews Creek Steam Station
 - Buck Combined Cycle Station
 - James E. Rogers Energy Complex (formerly Cliffside Steam Station)
 - Marshall Steam Station

- Mayo Steam Electric Plant
- Roxboro Steam Electric Plant

On November 13, 2018, DEQ deemed that these facilities are low risk based on criteria under G.S. 130A–309.213(d)(1).

Low–risk impoundments are required to be closed no later than December 31, 2029. A proposed closure plan for low–risk impoundments must be submitted no later than December 31, 2019. Intermediate–risk impoundments are required to be closed no later than December 31, 2024. A proposed closure plan for intermediate–risk impoundments must be submitted no later than December 31, 2019.

Per G.S. 130A–309.216, Duke Energy was required to identify, at a minimum, three sites for beneficial reuse. Along with the Cape Fear Steam Electric Plant, H.F. Lee Energy Complex, and the W. H. Weatherspoon Power Plant, the Buck Combined Cycle Station was additionally selected for beneficial reuse. G.S. 130A–309.216(c) states that sites selected for beneficiation projects must close by December 31, 2029.

General Costs [G.S. 130–309.214(m)]

Costs are required to be included with the site closure plans and corrective action plans.

- Closure plans for the high–risk impoundments were submitted in January 2017 but were deemed incomplete by the DEQ. These plans included general cost estimates and were labeled confidential.
- Updated corrective action plans have yet to be submitted for several facilities. Once corrective action plans are approved, then a final cost estimate can be determined.

Site Specific Actions for Surface Impoundments

The following site–specific actions and status notes have occurred since the submittal of the previous quarterly report.

All Facilities

- Assessment and Corrective Action Status
 - October 22, 2020 – DWR approves request from Duke Energy to stagger the submittal of the annual IMP Reports beginning 2021.

Allen Steam Station

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - November 18, 2020 – DWR sends list of approved BTVs for groundwater.
 - September 1, 2020 – Duke Energy submits CSA for primary and secondary sources not associated with the impoundments. This includes the Gypsum Pad.
 - DWR is currently reviewing the CSA.

- Closure Status
 - October 28, 2020 – DEQ approves the Closure Plan.
- NPDES permit NC0004979
 - October 29, 2020 – Major modification application acknowledged.
 - Modification is in review.
- SOC S17-009
 - No updates this quarter.

Asheville Steam Electric Plant

- Assessment and Corrective Action Status
 - December 1, 2020 – Duke Energy submits Updated CSA for primary and secondary sources associated with the impoundments. These include the impoundments and the raw coal pile.
 - DWR is currently reviewing the CSA.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
 - August 31, 2020 – Duke Energy submits the CAP addendum for seeps per the SOC (S17-010).
- Closure Status
 - Excavation of the 1964 Basin is in progress.
 - Excavation of the 1982 Basin is complete.
- NPDES permit NC0000396
 - No updates this quarter.
- SOC S17-010
 - No updates this quarter.

Belews Creek Steam Station

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - November 18, 2020 – DWR sends list of approved BTVs for groundwater
 - October 5, 2020 – DWR signs the UIC permit application.
 - September 1, 2020 – Duke Energy submits CSAs for primary and secondary sources not associated with the impoundments. These include the Coal Pile, Gypsum Pad, and Structural Fill.
 - DWR and DWM are currently reviewing the CSAs.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0024406
 - November 4, 2020 – Major modification application received.
 - Review has not yet started.
- SOC S18-004
 - No update this quarter.

- SOC S18-009
 - August 4, 2020 – Amendment application withdrawn.
 - August 4, 2020 – SOC rescinded as all terms satisfied prior to expiration date.

Buck Combined Cycle Station

- Assessment and Corrective Action Status
 - September 21, 2020 – Duke Energy submits the CAP addendum for seeps per the SOC (S18-004).
 - February 26, 2020 – DEQ approves the request to extend deadlines for upcoming CSAs and CAPs. The following are the new approved report deadlines:
 - February 1, 2021 – Updated CSA for primary and secondary sources associated with the impoundments.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES Permit NC0004774
 - August 1, 2020 – Major modification became effective.
- SOC S18-004
 - No updates this quarter.

Cape Fear Steam Electric Plant

- Assessment and Corrective Action Status
 - December 1, 2020 – Duke Energy submits the CSA for primary and secondary sources associated with the impoundments. These include the impoundments and the former coal pile storage areas.
 - DWR is currently reviewing the CSA.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0003433
 - August 19, 2020 – Major permit modification was issued and became effective October 1, 2020.
- SOC S19-001
 - No updates this quarter.

James E. Rogers Energy Complex (Formerly Cliffside Steam Station)

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - November 18, 2020 – DWR sends list of approved BTVs for groundwater.

- February 26, 2020 – DEQ approves the request to extend deadlines for upcoming CSAs and CAPs. The following is the new approved report deadline:
 - December 18, 2020 – Updated CSA for primary and secondary sources not associated with the impoundments.
- Closure Status
 - Closure is on-going.
 - Excavation of the Inactive Units 1–4 is complete.
- NPDES permit NC0005088
 - Permit currently on hold pending changes to 40 CFR 423 being finalized.
- SOC S17–009
 - No updates this quarter.

Dan River Combined Cycle Station

- Assessment and Corrective Action Status
 - November 2, 2020 – Duke Energy submits the Updated CAP for primary and secondary sources associated with the impoundments. These include the impoundments and former coal yard.
 - DWR is currently reviewing the CAP.
- Closure Status
 - May 19, 2020 – Duke Energy submits Closure Report.
 - DEQ is currently reviewing the Closure Report.
 - Excavation is complete.
- NPDES permit NC0003468
 - No updates this quarter.

H. F. Lee Energy Complex

- Assessment and Corrective Action Status
 - December 1, 2020 – Duke Energy submits the Updated CSA for primary and secondary sources associated with the impoundments. These include the impoundments, Coal Staging/Pile Area, and Lay of Land Area.
 - DWR is currently reviewing the CSA.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0003417
 - No updates this quarter.
- SOC S18–006
 - No update this quarter.

Marshall Steam Station

- Assessment and Corrective Action Status
 - November 18, 2020 – DWR sends list of approved BTVs for groundwater.
 - August 25, 2020 – DWR signs the UIC Permit.
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0004987
 - September 1, 2020 – Major permit modification was issued and became effective October 1, 2020.
- SOC S17-009
 - No updates this quarter.

Mayo Steam Electric Plant

- Assessment and Corrective Action Status
 - November 18, 2020 – DWR sends list of approved BTVs for groundwater.
 - July 16, 2020 – Duke Energy submits proposal for optimizing the monitoring program at the facility. DEQ is currently reviewing.
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - February 26, 2020 – DEQ approves the request to extend deadlines for upcoming CSAs and CAPs. The following is the new approved report deadline:
 - December 31, 2020 – Updated CSA for primary and secondary sources not associated with the impoundments.
 - The CAP for the primary and secondary sources not associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0038377
 - No updates this quarter.
- SOC S18-005
 - No updates this quarter.

Riverbend Steam Station

- Assessment and Corrective Action Status
 - November 2, 2020 – Duke Energy submits Updated CAP for primary and secondary sources associated with the impoundments. These include the impoundments and coal yard.
 - DWR is currently reviewing the CAP.
 - July 16, 2020 – Duke Energy submits proposal for optimizing the monitoring program at the facility.
 - DEQ is currently reviewing.

- Closure Status
 - October 9, 2020 – DEQ approves the Closure Report.
 - Excavation is complete.
- NPDES permit NC0004961
 - August 27, 2019 – Renewal application received. Permit review in progress.
- SOC S16–005
 - September 1, 2020 – SOC expired.

Roxboro Steam Electric Plant

- Assessment and Corrective Action Status
 - November 18, 2020 – DWR sends list of approved BTVs for groundwater.
 - September 2, 2020 – Duke Energy submits the CAP addendum for seeps per the SOC (S18-005).
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - February 26, 2020 – DEQ approves the request to extend deadlines for upcoming CSAs and CAPs. The following is the new approved report deadline:
 - March 31, 2021 – CSA for primary and secondary sources not associated with the impoundments.
 - The CAP for the primary and secondary sources not associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0003425
 - July 1, 2020 – Permit became effective.
- SOC S18–005
 - No updates this quarter.

L. V. Sutton Energy Complex

- Assessment and Corrective Action Status
 - August 3, 2020 – Duke Energy submits the Updated CAP for primary and secondary sources associated with the impoundments.
 - DWR is currently reviewing the CAP.
 - June 21, 2020 – Duke submits additional information on the dike at the Lay of Land Area (LOLA).
 - DWR is currently reviewing the information.
- Closure Status
 - October 30, 2020 – DWR approves the visual verification for the former process area.
 - October 16, 2020 – Duke Energy submits closure certification for the Lay of Land Area.
 - DWR is currently reviewing the closure certification.
 - Excavation of the 1971 Basin is complete.

- Excavation of the 1984 Basin is complete.
- NPDES permit NC0001422
 - July 1, 2020 – Permit became effective.

W. H. Weatherspoon Power Plant

- Assessment and Corrective Action Status
 - August 3, 2020 – Duke Energy submits the Updated CSA for primary and secondary sources associated with the impoundments. DEQ to review.
 - DWR is currently reviewing the CSA.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0005363
 - No updates this quarter.
- SOC S19-006
 - No updates this quarter.

Annual Groundwater Protection and Restoration Report Summary

The Annual Groundwater Protection and Restoration Reports have been uploaded to the [DEQ website](#). Since the reports are very concise, they do not lend themselves to being summarized. The report summarizes all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year.

Annual Surface Water Protection and Restoration Report Summary

The Annual Surface Water Protection and Restoration Reports have been uploaded to the [DEQ website](#). Since the reports are very concise, they do not lend themselves to being summarized. The report summarizes all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year.

Division of Waste Management

LANDFILLS AT DUKE ENERGY COAL ASH FACILITIES

Allen Steam Station – Gaston County (current coal fired)

- Approved Final Closure Plan
 - All impoundment ash from to be excavated and placed in onsite lined landfills (3619-INDUS-20XX, 3620-INDUS-20XX, and 3621-INDUS-20XX).
- 3612-INDUS-2008: Retired Ash Basin Landfill (open, double-lined, landfill constructed on top of retired ash basin)
 - No updates at this time.
- 3619-INDUS-20XX: North Starter Landfill per CAMA
 - November 25, 2020 – Determination of Completeness Letter issued, deemed complete.
 - November 9, 2020 – Site Suitability and Design Hydrogeologic Report received.
 - November 9, 2020 – Permit to Construct application received.
- 3620-INDUS-20XX: South Starter Landfill per CAMA
 - November 25, 2020 – Determination of Completeness Letter issued, deemed complete.
 - November 9, 2020 – Site Suitability and Design Hydrogeologic Report received.
 - November 9, 2020 – Permit to Construct application received.
- 3621-INDUS-20XX: Basin Landfill per CAMA
 - November 9, 2020 – Site Suitability and Design Hydrogeologic Report received.

Asheville Steam Electric Plant – Buncombe County (retired coal-fired plant, converted to combined cycle turbine)

- 1119-INDUS-2020
 - December 10, 2020 – Annual site inspection.
 - Currently under construction.

Belews Creek Steam Station – Stokes County (current coal fired)

- Approved Final Closure Plan
 - All impoundment ash to be excavated and placed in onsite lined landfill (8506-INDUS-20XX).
- 8503-INDUS-1984: Pine Hall Road Landfill (closed, unlined – composite cap system)
 - Currently assessing the limits of the unlined/earthen capped area of the landfill (flat area), for extent and stability.
 - Groundwater Assessment
 - No updates at this time.
- 8504-INDUS-2007: Craig Road Landfill (open, lined)
 - No updates at this time.
 - Groundwater Assessment
 - No updates at this time.
- 8505-INDUS-2008: Flue Gas Desulfurization (FGD) Landfill (open, lined)
 - No updates at this time.
 - Groundwater Assessment

- No updates at this time.
- 8506-INDUS-20XX: Basin Landfill per CAMA
 - November 25, 2020 – Determination of Completeness Letter issued, deemed complete.
 - November 2, 2020 – Revised Site Suitability received.
 - October 29, 2020 – Permit to Construct application received.
 - October 6, 2020 – Response letter to Site Suitability issued, deemed incomplete.
 - September 30, 2020 – Site Suitability and Design Hydrogeologic Report received.

Dan River Steam Station – Rockingham County (retired coal-fired plant, converted to combined cycle turbine)

- 7906-INDUS-2016: CCR Landfill (open, lined)
 - Closure complete.
 - November 18, 2020 – Closure Certification received.
 - November 6, 2020 – annual site inspection.
 - November 4, 2020 – Virtual records review via Microsoft Teams.

Mayo Steam Electric Plant – Person County (current coal fired)

- Excavation Plan
 - November 5, 2020 – Received Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated and placed in onsite lined landfill (LF 7307-INDUS).
- 7305-INDUS-2012: CCR Landfill (open, double lined)
 - October 19, 2020 – Annual site inspection
 - October 13, 2020 – Virtual records review via Microsoft Team
 - Groundwater Assessment
 - No updates at this time.

Marshall Steam Station – Catawba County (current coal fired)

- Excavation Plan
 - November 3, 2020 – Received Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated except ash beneath structural fill CCB0031 and Dry Ash Landfill Phase 2 and placed in onsite lined landfill (1812-INDUS-2008).
- 1804-INDUS-1983: Dry Ash Landfill (closed, unlined – Phase 2 composite cap system)
 - No updates at this time.
 - Groundwater Assessment
 - No updates at this time.
- 1809-INDUS: FGD Landfill (closed, lined)
 - No updates at this time.
 - Groundwater Assessment
 - No updates at this time.
- 1812-INDUS-2008: Industrial Landfill #1 (open, double-lined)

- November 24, 2020 – Revised Permit to Construct application for Phase 2 expansion received.
 - November 13, 2020 – Final Excavation Plan received.
 - October 28, 2020 – Determination of Completeness and Technical Review letter issued, deemed incomplete.
 - October 9, 2020 – Permit to Construct application for Phase 2 expansion received.
- MAR-145 Stormwater Reroute Project
 - No updates at this time.

Rogers Energy Complex – Rutherford County (current coal fired)

- Approved Final Closure Plan
 - All impoundment ash to be excavated and placed in onsite lined landfill (8106–INDUS–2009).
- 8106–INDUS–2009: CCR Landfill (open, lined)
 - No updates at this time.

Roxboro Steam Electric Plant – Person County (current coal fired)

- Approved Final Closure Plan
 - All impoundment ash to be excavated except ash beneath existing/operating landfill 7302 and placed in onsite lined landfill (7302-INDUS-1998).
- 7302–INDUS–1988: CCR Landfill (open, lined, constructed partially on top of retired ash basin)
 - November 18, 2020 – Site Suitability and Design Hydrogeologic Report received for landfill expansion per CAMA.
 - November 18, 2020 – Permit to Construct application received for landfill expansion per CAMA.
 - October 19, 2020 – Annual site inspection.
 - October 14, 2020 – virtual records review via Microsoft Teams.
 - October 15, 2020 – Final Excavation Plan received.

Sutton Steam Electric Plant – New Hanover County (retired coal–fired plant, converted to combined cycle turbine)

- 6512–INDUS–2016: CCR Landfill (open, lined)
 - Closure turf cap system construction is complete.

LANDFILLS NOT ON DUKE ENERGY FACILITIES

Halifax County Industrial Landfill – Halifax County Westmoreland Partners, Roanoke Valley Energy Plant (retired coal–fired plant, plant closed)

- 4204–INDUS–1994: Halifax County Coal Ash Landfill (open/inactive, lined)
 - No updates at this time.

DUKE ENERGY FACILITIES WITHOUT LANDFILLS

Buck Steam Station – Rowan County (retired coal-fired plant, converted to combined cycle turbine)

- Excavation Plan
 - November 11, 2020 – Received Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated and beneficiated through the onsite STAR plant process.
 - September 2020 – STAR plant in operation.

Cape Fear Steam Electric Plant – Chatham County (retired coal-fired plant, no electricity production)

- Excavation Plan
 - November 11, 2020 – Received Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated and beneficiated through the STAR plant process.

H.F. Lee Steam Electric Plant – Wayne County (retired coal-fired plant, converted to combined cycle turbine)

- Excavation Plan
 - November 12, 2020 – Received Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated and beneficiated through the STAR plant process.

Riverbend Steam Station – Gaston County (retired coal-fired facility, no electricity)

- No updates this quarter.

Weatherspoon Steam Electric Plant – Robeson County (retired coal-fired facility, no electricity)

- Excavation Plan
 - November 12, 2020 – Received Excavation Plan.
- Approved Final Closure Plan
 - Ash continues to be excavated and trucked to two concrete processing plants in South Carolina.

COAL COMBUSTION PRODUCT (CCP) STRUCTURAL FILLS

The Section regulates large structural fills (greater than 8,000 tons per acre or 80,000 tons per project) in accordance with CAMA and small structural fills in accordance with 15A NCAC 13B .1700.

Greater Asheville Regional Airport Authority (GARAA), 1117-STRUC-2020, Buncombe County

- November 25, 2020 – Revised WQMRP received.
- October 21, 2020 – DEQ issued technical review letter for WQMRP.
- October 15, 2020 – Water Quality Monitoring and Reporting Plan (WQMRP) received.

Brickhaven No. 2, Mine Track “A,” 1910-STRUC-2015 – Chatham County

- No updates at this time.

Colon Mine Site – Lee County, 5306-STRUC-2015

- No updates at this time.

Inventory of structural fills greater than 10,000 cy, per Session Law 2014 122:
<http://deq.nc.gov/about/divisions/waste-management/solid-waste-section/coal-combustion-byproducts>.

Groundwater Assessment and Corrective Action

Roxboro Steam Station Gypsum Storage Pad (CCB0003)

- No updates this quarter.

Belews Creek Steam Station Structural Fill (CCB0070)

- No updates this quarter.

Swift Creek in Nash County (CCB0057)

- No updates at this time.

Arthur’s Creek/Henry Long Property in Northampton County (CCB0064)

- No updates this quarter.

HISTORIC ASH MANAGEMENT AREA

6806-INDUS- Eno Power Plant – historic coal ash storage area

- No updates this quarter.

Division of Energy, Mineral, and Land Resources

Duke and other Company facilities with dams, construction development, industrial activities, and mining operations- The North Carolina Division of Energy, Mineral, and Land Resources regulates industrial coal combustion residual landfills in accordance with CAMA as well as the State Dam Safety Law (NCGS 143-215.23), the Sedimentation Pollution Control Act (NCGS 113A-50), the Mining Act (NCGS 74-46), and the State Stormwater Program under the authority of multiple Session Laws along with their associated Administrative Code.

Allen Steam Station

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

Asheville Steam Electric Plant

- Dam Safety
 - BUNCO-097 1964 (Ash Pond Dam)
 - 10/21/20 – Dam Safety Inspection for 1964 Coal Ash Pond. No major issues to report from inspection.
 - BUNCO-088 (Lake Julian Dam)
 - 10/21/20 – Dam Safety Inspection for Lake Julian Dam. No major issues to report from inspection. As-built inspection for Scope 6 repairs to Ogee spillway. Final Approval issued on 10/23/2020 for Scope 6 repairs.
 - 10/22/18 – Received submittal for the repair of the ogee section of the spillway at existing areas of concrete deterioration for BUNCO-088 (Lake Julian Dam) Scope 6.
 - 10/26/18 – Certificate of Approval to Repair issued.
 - 12/10/19 – As-Built submittal received.
 - 10/21/20 – As-Built inspection performed.
 - 10/23/20 – Certificate of Final Approval to Repair issued.
- Erosion and Sediment Control and Construction Storm Water
 - BUNCO-2020-014 (1964 Ash Basin)
 - Decommissioning Crest Lowering
 - Project to begin in January 2021.
 - BUNCO-2016-019 (Duke Dam)
 - Decommission
 - 10/26/20 – Site has been stabilized and has permanent established vegetation. E&SC project closed out and NPDES NCG010000 coverage terminated.

- BUNCO-2017-034 (Duke Cycle)
 - 10/26/20 – Site has been stabilized and has permanent established vegetation. E&SC project closed out and NPDES NCG010000 coverage terminated.
- BUNCO-2018-001 (Asheville Steam Plant CCR Landfill)
 - 10/26/20 – Compliance site inspection, site was in compliance.
- BUNCO-2010-014 (Enka Project)
 - 10/26/20 – Compliance site inspection, site was in compliance.
- NPDES Storm Water
 - Individual Permit NCS000575
 - 10/23/20 – Compliance Inspection for permit. No major issues during inspection. Additional outfall request is in discussion between Duke and NCDEQ Stormwater Section which may require a permit modification.

Belews Creek Steam Station

- Dam Safety
 - STOKE-116 (Belews Creek Active Ash Basin Dam)
 - 05/05/20 – Received submittal for the removal of an inactive riser at the Pine Hall Road embankment for STOKE-116 Scope 9.
 - 10/09/20 – Certificate of Approval to Repair issued.
 - ROCKI-236 (Belews Lake Dam)
 - 03/24/20 – Received submittal for the additional of new access and railing systems at the spillway for ROCKI-236 Scope 2.
 - 10/05/20 – Certificate of Approval to Repair issued.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

Buck Combined Cycle Station

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time
- NPDES Storm Water
 - Nothing to report at this time

Cape Fear Steam Electric Plant

- Dam Safety
 - CHATH-075 (Cape Fear 1956 Ash Basin Dam)
 - 01/10/20 – Received revised submittal for the installation of a new auxiliary overflow spillway for CHATH-075 Scope 6.
 - 02/20/20 – Certificate of Approval to Modify issued.
 - 09/14/20 – As-Built submittal received.
 - 06/17/20 – Received response to an NOD issued 04/29/20 for vegetation to be removed from CHATH-075 Scope 3.
 - 10/13/20 – Received request for a one-year extension to remove vegetation from dams.
 - 11/02/20 – Extension of Certificate of Approval to Repair issued.
 - 08/27/20 – Received submittal for the widening of the existing access ramp for CHATH-075 Scope 7.
 - CHATH-076 (Cape Fear 1963 Ash Basin Dam)
 - 06/17/20 – Received response to an NOD issued 04/29/20 for vegetation to be removed from CHATH-076 Scope 2.
 - 10/13/20 – Received request for a one-year extension to remove vegetation from dams.
 - 11/02/20 – Extension of Certificate of Approval to Repair issued.
 - CHATH-077 (Cape Fear 1970 Ash Basin Dam)
 - 06/17/20 – Received response to an NOD issued 04/29/20 for vegetation to be removed from CHATH-077 Scope 2.
 - 10/13/20 – Received request for a one-year extension to remove vegetation from dams.
 - 11/02/20 – Extension of Certificate of Approval to Repair issued.
 - 01/27/20 – Received revised submittal for the installation of a new auxiliary overflow spillway for CHATH-077 Scope 3.
 - 03/02/20 – Certificate of Approval to Modify issued.
 - 10/14/20 – As-Built submittal received.
 - CHATH-079 (Cape Fear 1985 Ash Basin Dam)
 - 10/03/19 – Received revised submittal for the construction of an unpaved haul road for CHATH-079 Scope 8.
 - 10/16/19 – Certificate of Approval to Repair issued.
 - 01/17/20 – EOR change request received.
 - 01/17/20 – EOR change request approved.
 - 10/12/20 – EOR change request received.
 - 10/13/20 – EOR change request approved.
 - 07/21/20 – Received submittal for the widening of an existing access ramp for CHATH-079 Scope 9.
 - 11/09/20 – Certificate of Approval to Repair issued.

- Erosion and Sediment Control and Construction Storm Water
 - CHATH-2019-005 (Cape Fear Beneficial Ash Facility)
 - 09/24/2020 – Minor corrections needed. Move laydown materials in diversions, dead groundcover.
- NPDES Storm Water
 - Nothing to report at this time.

James E. Rogers Energy Complex (Formerly Cliffside Steam Station)

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

Dan River Combined Cycle Station

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time
- NPDES Storm Water
 - Nothing to report at this time

H.F. Lee Energy Complex

- Dam Safety
 - WAYNE-009 (Cooling Pond)
 - 11/19/20 – Post Hurricane Eta flooding inspection.
 - WAYNE-022 (HF Lee Active Ash Basin Dam)
 - 11/19/20 – Post Hurricane Eta flooding inspection
 - 09/30/20 – Received request for a one-year extension to remove vegetation on dam for WAYNE-022 Scope 3 Addendum 2.
 - 10/02/20 – Extension of Certificate of Approval to Repair issued.
 - WAYNE-031 (HF Lee Inactive Ash Basin #1 Dam)
 - 11/19/20 - Post Hurricane Eta flooding inspection
 - 08/05/20 – Received revised submittal for the vegetation removal from dam for WAYNE-031 Scope 3.
 - 08/27/20 – Certificate of Approval to Repair issued.
 - WAYNE-032 (HF Lee Inactive Ash Basin #2 Dam)
 - 11/19/20 - Post Hurricane Eta flooding inspection
 - 08/05/20 – Received revised submittal for the vegetation removal from dam for WAYNE-032 Scope 5.
 - 08/27/20 – Certificate of Approval to Repair issued.
 - WAYNE-033 (HF Lee Inactive Ash Basin #3 Dam)

- 11/19/20 – Post Hurricane Eta flooding inspection
- 08/05/20 – Received submittal in response to an 09/30/19 NOD to remove specific vegetation from the southwest corner of WAYNE-033 Scope 4.
 - 01/24/20 – Certificate of Approval to Repair issued.
 - 08/12/20 - As-Built submittal received.
 - 08/25/20 – As-Built inspection performed.
 - 08/26/20 – Certificate of Final Approval to Repair issued.
- 08/05/20 – Received revised submittal for the vegetation removal from dam for WAYNE-032 (HF Lee Inactive Ash Basin #2 Dam) Scope 5.
 - 08/27/20 – Certificate of Approval to Repair issued.
- All Inactive basins flooded on November 15-16, 2020 due to remnants of Hurricane Eta.
- Erosion and Sediment Control and Construction Storm Water
 - WAYNE-2016-010
 - 9/28/20 – Revision – Inactive basins 1 and 2 (removal of coal ash);
 - WAYNE-2016-011
 - 9/28/20 – Revision – Inactive basin 3 – (coal ash removal)
- NPDES Storm Water
 - Nothing to report at this time.

Marshall Steam Station

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water –
 - Nothing to report at this time.

Mayo Steam Electric Plant

- Dam Safety
 - PERSO-034 (Mayo Lake Dam)
 - 9/22/20 – Inspection
 - 10/22/20 – NOI – Trees adjacent to abutment need removal.
 - PERS-035 (Mayo Active Ash Pond Dam)
 - 9/1/20 – Inspection due to ash slough
 - No problems noted on dam. Ash slough occurred within impoundment area;
 - 9/22/20 – Annual Inspection
 - 10/22/20 – NOI – Small hole near rip rap lower portion of downstream slope-minor repair
 - PERSO-049 (Mayo FGD Settling Pond Dam)
 - 9/22/20 – Inspection.

- 10/22/20 – NOI – No problems noted.
- PERSO-050 (Mayo Retention Basin Pond Dam)
 - 9/22/20 – Inspection.
 - 10/23/20 – NOI – No problems noted.
- PERSO-036 (Mayo Settling Pond Dam)
 - 9/1/20 – Inspection.
 - Emergency inspection due to ash slough within PERSO-035. Dam had been reclaimed prior to incident. Basin was breached/failed into basin PERSO-035 during ash slough. No environmental impact occurred, and no material was lost off site.
- PERSO-036 (Mayo FGD Settling Pond Dam), PERSO-037 (Mayo FGD Flush Pond Dam)
 - 01/23/20 – Received submittal for the decommissioning of PERSO-036 Scope 2 and PERSO-037 Scope 2.
 - 03/02/20 – Certificate of Approval to Breach issued.
 - 08/07/20 – As-Built submittal received.
 - 09/08/20 – Certificate of Final Approval to Breach issued.
- Erosion and Sediment Control and Construction Storm Water
 - PERSO-2018-011 (Mayo Stockpile)
 - 9/22/20 – Project closed
 - PERSO-2017-003 (Process Water Redirection)
 - 9/22/20 – Slight scour beyond WWT. Additional groundcover needed. Otherwise OK.
 - PERSO-2018-015 (Mayo FGD Ponds Decommissioning)
 - 9/22/20 Unable to inspect due to slough on 9/1/20 and safety concerns.
 - PERSO-2020-006 (Mayo Steam Plan Ash Finger Dewatering)
 - 9/22/20 – No problems noted.
 - PERSO-2018-021 (Mayo Water Redirect Stockpile E&SC)
 - 9/22/20 – Project is closed.
 - PERSO-2018-018 (Mayo Process Water Redirection)
 - 9/22/20 – Slight erosion at lowest point in project, otherwise OK.
- NPDES Storm Water
 - Nothing to report at this time.

Riverbend Steam Station

- Dam Safety
 - GASTO-097 (Riverbend Active Primary Ash Basin Dam), GASTO-098 (Riverbend Active Secondary Ash Basin Dam)
 - 05/29/18 – Received revised submittal for the decommissioning of GASTO-097 Scope 4 and GASTO-098 Scope 5.
 - 06/07/18 – Certificate of Approval to Breach issued.
 - 10/14/20 – As-Built submittal received.
 - 10/21/20 – As-Built inspection performed.

- 10/28/20 – Certificate of Final Approval to Breach issued.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

Roxboro Steam Electric Plant

- Dam Safety
 - PERSO-040 (Roxboro West FGD Pond)
 - 10/20/20 – Inspection.
 - 11/16/20 – NOI – No problems noted.
 - PERSO-041 (Roxboro East FGD Settling Pond)
 - 10/20/30 – Inspection.
 - 11/16/20 – NOI – No problems noted.
 - PERSO-042 (Roxboro Forward Flush Pond Dam)
 - 10/20/20 – Inspection.
 - 11/13/20 – NOI – No problems noted.
 - PERSO-033 (Roxboro East Ash Basin)
 - 10/20/20 – Inspection.
 - 11/13/20 – NOI – No problem noted.
 - PERSO-038 (Roxboro West Ash Basin Dam)
 - 10/20/20 – Inspection.
 - 11/13/20 – NOI – No problems noted.
 - PERSO-039 (Roxboro West Ash Pond Rock Filter Dam)
 - 10/20/20 – Inspection. No problems noted
 - PERSO-002 (Lake Hyco Dam)
 - 04/23/18 – Received revised submittal for the removal of vegetation for PERSO-002 Scope 2.
 - 01/16/20 – Withdrawal request received.
 - 08/31/20 – Acceptance of Withdrawal Request issued.
 - 10/12/20 – Received revised submittal for the upgrading of the auxiliary spillway to RCC and riprap from earthen for PERSO-002 (Lake Hyco Dam) Scope 4.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

L. V. Sutton Energy Complex

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

Brickhaven No 2. Tract “A”

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control
 - Nothing to report at this time.
- Mining
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

Colon Mine Permit 53-05

- Dam Safety
 - Nothing to report at this time.
- Erosion and Sediment Control
 - Nothing to report at this time.
- Mining
 - Nothing to report at this time.
- NPDES Storm Water
 - Nothing to report at this time.

W. H. Weatherspoon Power Plant

- Dam Safety
 - ROBES-009 (Weatherspoon 1979 Ash Basin Dam)
 - 10/13/20 – As built Inspection.
- Erosion and Sediment Control and Construction Storm Water
 - Nothing to report at this time.
- NPDES Storm Water
 - ROBES-009 (Weatherspoon 1979 Ash Basin Dam)
 - 11/23/20 – Stormwater Discharge Monitoring Report.
 - ROBES-004 (Weatherspoon Cooling Lake Dam)
 - 03/24/20 – Received submittal for the abandonment of the former outfall structure and improving of the existing dike for ROBES-004 Scope 3.
 - 09/02/20 – Certificate of Approval to Repair issued.

- ROBES-009 (Weatherspoon 1979 Ash Basin Dam)
 - 10/13/20 – Received request for a one-year extension to remove vegetation on dam for ROBES-009 Scope 6.
 - 10/28/20 – Extension of Certificate of Approval to Repair issued.

Dam Status

Plant Name	NAME	NC STATE-ID	DAM STATUS
Allen Steam Station	Allen Active Ash Basin Dam	GASTO-061	ACTIVE
Allen Steam Station	Allen Inactive Ash Basin Dam	GASTO-016	INACTIVE
Allen Steam Station	Allen Retention Basin Dam	GASTO-324	ACTIVE
Asheville Steam Electric Plant	Lake Julian Dam	BUNCO-088	ACTIVE
Asheville Steam Electric Plant	Asheville 1982 Ash Pond Dam	BUNCO-089	DECOMISSIONED
Asheville Steam Electric Plant	Asheville 1964 Ash Pond Dam	BUNCO-097	ON-GOING DECOMISSION
Asheville Steam Electric Plant	Asheville Lined Retention Basin Dam	BUNCO-101	ON-GOING DECOMISSION
Asheville Steam Electric Plant	North Stormwater Pond Dam	BUNCO-504	ON-GOING CONSTRUCTION
Asheville Steam Electric Plant	South Stormwater Pond Dam	BUNCO-505	ON-GOING CONSTRUCTION
Belews Creek Steam Station	Belews Creek Active Ash Basin Dam	STOKE-116	ACTIVE
Belews Creek Steam Station	Belews Lake Dam	ROCKI-236	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #1 Dam	STOKE-117	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #2 Dam	STOKE-118	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #3 Dam	STOKE-119	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #4 Dam	ROCKI-235	ACTIVE
Belews Creek Steam Station	Belews Creek Chemical Pond Dam	STOKE-115	ACTIVE
Belews Creek Steam Station	Belews Creek Retention Basin Dam	STOKE-121	ACTIVE
Belews Creek Steam Station	Belews Creek Holding Basin Dam	STOKE-120	ACTIVE
Belews Creek Steam Station	Belews Creek South Coal Pile Dam	STOKE-123	ACTIVE
Belews Creek Steam Station	Belews Creek North Coal Pile Dam	STOKE-122	ACTIVE
Buck Combined Cycle Station	Buck Main Ash Basin Dam	ROWAN-047	ACTIVE
Buck Combined Cycle Station	Buck Ash Basin #1 Dam	ROWAN-068	ACTIVE

Buck Combined Cycle Station	Buck Basin #1 to Basin #2 Dam	ROWAN-069	ACTIVE
Buck Combined Cycle Station	Buck Basin #2 to Basin #3 Dam	ROWAN-070	ACTIVE
Buck Combined Cycle Station	Buck Ash Basin Divider Dam	ROWAN-071	ACTIVE
Buck Combined Cycle Station	Buck Fuel Containment Dam	ROWAN-072	DECOMISSIONED
Buck Combined Cycle Station	Buck Beneficial Ash Wet Pond	ROWAN-076	ACTIVE
Buck Combined Cycle Station	Buck Beneficial Ash Dry Pond	ROWAN-075	ACTIVE
Cape Fear Steam Electric Plant	Buckhorn Lake Dam	CHATH-022	ACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1956 Ash Pond Dam	CHATH-075	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1963 Ash Pond Dam	CHATH-076	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1970 Ash Pond Dam	CHATH-077	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1978 Ash Pond Dam	CHATH-078	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1985 Ash Pond Dam	CHATH-079	ACTIVE
Cape Fear Steam Electric Plant	Cape Fear Flood Control Dam	CHATH-080	DECOMISSIONED
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside River Dam	CLEVE-053	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Inactive Ash Basin #5 Main Dam	RUTHE-070	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Inactive Ash Basin #5 Saddle Dam	RUTHE-072	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Upstream Dam	CLEVE-050	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Downstream Dam	CLEVE-049	INACTIVE

James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Retention Basin Dam (Formerly Inactive Ash Basin #1-4 Main Dam)	CLEVE-047	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Internal Dam	CLEVE-054	INACTIVE
Dan River Combined Cycle Station	Dan River Active Primary Ash Basin Dam	ROCKI-237	ON-GOING DECOMISSION
Dan River Combined Cycle Station	Dan River Active Secondary Ash Basin Dam	ROCKI-238	ON-GOING DECOMISSION
Dan River Combined Cycle Station	Dan River Service Water Settling Pond Dam	ROCKI-241	ACTIVE
Dan River Combined Cycle Station	Dan River Low Head Diversion Dam	ROCKI-239	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Cooling Lake Dam	WAYNE-009	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Active Ash Basin Dam	WAYNE-022	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 1 Dam	WAYNE-031	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 2 Dam	WAYNE-032	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 3 Dam	WAYNE-033	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Permanent Stormwater Pond Dam	WAYNE-036	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Triangular Pond Dam	WAYNE-034	DECOMISSIONED
Marshall Steam Station	Marshall Active Ash Basin Dam	CATAW-054	INACTIVE
Marshall Steam Station	Marshall Retention Basin Dam	CATAW-076	ACTIVE
Marshall Steam Station	Marshall Holding Basin Dam	CATAW-075	ACTIVE
Marshall Steam Station	Marshall West Temporary SWP	CATAW-077	ACTIVE
Marshall Steam Station	Marshall East Temporary SWP	CATAW-078	DECOMISSIONED
Mayo Steam Electric Plant	Mayo Lake Dam	PERSO-034	ACTIVE
Mayo Steam Electric Plant	Mayo Active Ash Pond Dam	PERSO-035	INACTIVE
Mayo Steam Electric Plant	Mayo FGD Settling Pond Dam	PERSO-036	DECOMISSIONED

Mayo Steam Electric Plant	Mayo FGD Flush Pond Dam	PERSO-037	DECOMISSIONED
Mayo Steam Electric Plant	Mayo Coal Pile Dam	PERSO-046	ACTIVE
Mayo Steam Electric Plant	Mayo FGD Settling Basin Dam	PERSO-049	ACTIVE
Mayo Steam Electric Plant	Mayo Retention Basin Dam	PERSO-050	ACTIVE
Riverbend Steam Station	Riverbend Active Primary Ash Basin Dam	GASTO-097	DECOMISSIONED
Riverbend Steam Station	Riverbend Active Secondary Ash Basin Dam	GASTO-098	DECOMISSIONED
Riverbend Steam Station	Riverbend Intermediate Dam	GASTO-099	DECOMISSIONED
Riverbend Steam Station	Riverbend Fuel Containment Dam	GASTO-105	DECOMISSIONED
Roxboro Steam Electric Plant	Lake Hyco Dam	PERSO-002	ACTIVE
Roxboro Steam Electric Plant	Roxboro Afterbay Dam Reservoir	PERSO-013	ACTIVE
Roxboro Steam Electric Plant	Roxboro West Ash Basin Dam	PERSO-038	ACTIVE
Roxboro Steam Electric Plant	Roxboro West Ash Basin Rock Filter Dam	PERSO-039	ACTIVE
Roxboro Steam Electric Plant	Roxboro West FGD Settling Pond Dam	PERSO-040	ON-GOING DECOMISSION
Roxboro Steam Electric Plant	Roxboro East FGD Settling Pond Dam	PERSO-041	ON-GOING DECOMISSION
Roxboro Steam Electric Plant	Roxboro FGD Forward Flush Pond Dam	PERSO-042	ON-GOING DECOMISSION
Roxboro Steam Electric Plant	Roxboro East Ash Basin Dam	PERSO-033	ACTIVE
Roxboro Steam Electric Plant	Roxboro Intake Pond Dam	PERSO-043	ACTIVE
Roxboro Steam Electric Plant	Roxboro Retention Basin Dam	PERSO-048	ACTIVE
Roxboro Steam Electric Plant	Roxboro Holding Basin Dam	PERSO-047	ACTIVE
L. V. Sutton Energy Complex	Sutton 1984 Ash Basin Dam	NEWHA-005	DECOMISSIONED
L. V. Sutton Energy Complex	Sutton 1971 (1983) Ash Basin Dam	NEWHA-004	DECOMISSIONED
L. V. Sutton Energy Complex	Sutton 1972 Cooling Lake Dam	NEWHA-003	ACTIVE
W. H. Weatherspoon Power Plant	Weatherspoon Cooling Lake Dam	ROBES-004	ACTIVE

W. H. Weatherspoon Power Plant	Weatherspoon 1979 Ash Basin Dam	ROBES-009	ACTIVE
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